



Presentation by
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Wednesday, February 21st, 2007
 CSL 422 at 1:00pm

PLUME-INDUCED DELAMINATION MODEL FOR THE ENIGMATIC GRANDE RONDE BASALTS



Stratigraphic Subdivision of Columbia River Basalt Group (CRBG)

MEMBER	DATE	EST. GROUP	FORMATION	THICKNESS	MAP#
Columbia River Basalt Group	Upper	Suckalee Mountain Basalt	Lover Monumental Member	N	N1
			Ice Harbor Member	N,E	N1
			Bellevue Member	E	N1
			Elgford Member	N,W	N1
			Pomona Member	E	N1
			Esquimal Member	N	N1
			Wakarusa Ridge Member	N	N1
			Amelia Member	N	N1
			Wilbur Creek Member	N	N1
			Umatilla Member	N	N1
Wanagoni Basalt	Middle	Wanagoni Basalt Sub-Group	Prime Rapids Member	BE	BE1
			Rowe Member	ER	ER1
Grande Ronde Basalt	Lower	Picture Gorge Basalt	Frenchman Springs Member	SE	SE1
			Eckler Mountain Member	SE	SE1
Intrusive Basalt	Lower	Intrusive Basalt		BE	BE1
				BI	BI1
				T	T
				NE	NE
				BE	BE

USGS